

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First named inventor:

Henry Stephen Eilts

Serial No.: **10/001,986**

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For: **COMPUTATIONAL EFFICIENT SYSTEM AND METHOD FOR CHANNEL ESTIMATION**

Docket No.: **TI-32977**

Art Unit: **2611**

Examiner: **Wang, Ted M.**

Conf. No.: **2814**

AMENDMENT - 37 CFR § 1.111

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Responsive to the Office Action dated Jan. 05, 2007, please amend the above-identified application as follows:

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 12 of this paper.